

WHAT IS CLAIMED:

1. A camera system comprising:

a radio communication medium and a camera communicable with said radio communication medium within a predetermined distance,

5 said camera comprising:

an image pickup part for obtaining image data by photographing a subject;

a storing part for storing information peculiar to a user of said camera;

10 a radio communication medium reading part for transmitting a predetermined radio signal and reading information from the radio communication medium;

an authorization part for authorizing the camera user by collating information read at the radio communication medium reading part with the camera user's own information stored in the storing part; and a record part for recording information related to the camera user authorized at the authorization part while connecting said information related to the camera user with the image data photographed at the image pickup part, and

said radio communication medium comprising:
a storing part for storing predetermined information; and

25 a transmission part for receiving the

predetermined radio signal transmitted from the radio communication medium reading part of the camera and transmitting the predetermined information stored in the storing part as a radio signal.

2. The camera system according to claim 1, wherein said camera further comprises:

5 a radio communication medium writing part;
a random number generating part;
an updating part for updating the camera user's
10 own information stored in the storing part; and
a processing part for performing a series of
processing in which random numbers generated by the
random number generating part are obtained, information
15 based on the random numbers is transmitted to the radio
communication medium side for being recorded in
the radio communication medium, employing the radio
communication medium writing part, and the camera
user's own information stored in the storing part is
updated, employing the updating part when the camera
user is authorized by the authorization part.

3. The camera system according to claim 1, wherein said camera further comprises:

5 an input part by which the user of said camera
requires that authorization processing of the camera
user is started; and

a control part for supplying power to said radio communication medium reading part when said authorization processing of the camera user is required through said input part so that said authorization processing of the camera user is performed by the authorization part and finishing supplying power to said radio communication medium reading part after a predetermined time passes.

4. The camera system according to claim 1, wherein said camera further comprises a record part creating and recording information showing that the camera user is unclear on a header part of image data 5 photographed at the image pickup part of the camera when authorization of the camera user by the authorization part is failed.

5. The camera system according to claim 1, wherein said camera further comprises a control part for controlling so that photographing using the camera is not performed until authorization of the camera user 5 succeeds by the authorization processing part.

6. The camera system according to claim 1, wherein said camera further comprises:
an entry processing and entry cancellation processing part of the camera user; and

5 a control part for controlling so that entry
processing and entry cancellation processing of the
camera user can be performed by the entry processing
and entry cancellation processing part only when
a predetermined camera user is authorized by the
10 authorization processing part.

7. The camera system according to claim 1, wherein
said camera further comprises a switching part
selectively switching a first mode in which information
showing that the camera user is unclear on a header
5 part of image data photographed at the image pickup
part of the camera is created and recorded in said
record part when authorization of the camera user by
the authorization part is failed and a second mode in
which control is executed by the control part so that
10 photographing using the camera is not performed until
authorization of the camera user by the authorization
processing part succeeds.

8. The camera system according to claim 1, wherein
said radio communication medium comprises information
peculiar to the camera corresponding to said camera
user's own information as said predetermined
5 information stored in said storing part, and said
camera comprises said camera's own information as
information stored in said storing part.

9. The camera system according to claim 1, wherein
said radio communication medium comprises information
peculiar to a group jointly using the camera
corresponding to said camera user's own information as
5 said predetermined information stored in said storing
part, and said camera comprises the information
peculiar to the group jointly using the camera as
information stored in said storing part.

10. The camera system according to claim 1,
wherein said camera further comprises
a control part for controlling so that when a part
of information peculiar to a group using said camera
5 coincides by collating information read at said radio
communication medium reading part with the camera
user's own information stored in said storing part in
said authorization processing part, photographing using
the camera becomes possible, and when it does not
10 coincide, photographing using the camera becomes
impossible.

11. The camera system according to claim 1,
wherein said camera further comprises a control part
for controlling so that the directivity of the
electromagnetic wave transmitted from said radio
5 communication medium reading part becomes high.

12. A camera system comprising:

a radio communication medium in the side of a subject and a camera communicable with said radio communication medium within a predetermined distance,

5 said camera comprising:

an image pickup part for obtaining image data by photographing the subject;

10 a radio communication medium reading part for transmitting a predetermined radio signal and reading information from the radio communication medium;

15 an information maintenance part for temporarily maintaining information from said radio communication medium of the side of the subject read at the radio communication medium reading part as information peculiar to said subject; and

20 an information record part recording for, while relating to a file of image data photographed, information peculiar to the subject maintained in said information maintenance part when an image is photographed employing said image pickup part, and

25 said radio communication medium comprising:

25 a storing part for storing predetermined information containing said subject's own information; and

25 a transmission part for receiving said predetermined radio signal transmitted from the radio communication medium reading part of the camera and

transmitting the predetermined information stored in the storing part as a radio signal.

13. The camera system according to claim 12, wherein said camera further comprises

a radio communication medium writing part;

a random number generating part;

5 an updating part for updating the camera user's own information stored in the storing part; and

a processing part for performing a series of processing in which random numbers generated by the random number generating part are obtained, information based on the random numbers is transmitted to the radio communication medium side for being recorded in the radio communication medium, employing the radio communication medium writing part, and the camera user's own information stored in the storing part is updated, employing the updating part when the camera user is authorized by the authorization part.

14. A camera system comprising:

a radio communication medium in the side of a camera user, a radio communication medium in the side of a subject, and a camera communicable with each said 5 radio communication medium within a predetermined distance,

said camera comprising:

an image pickup part for obtaining image data by
photographing the subject;

10 a storing part for storing in advance information
peculiar to said camera user;

 a subject information acquisition mode setting
part setting said camera to a mode for acquiring
information peculiar to said subject;

15 a radio communication medium reading part for
transmitting a predetermined radio signal and reading
information from each said radio communication medium;

 an authorization part for authorizing the camera
user by collating information from the radio
20 communication medium of the camera user side read at
the radio communication medium reading part with the
camera user's own information stored in the storing
part;

 an information maintenance part for temporarily
25 maintaining information from said radio communication
medium of the subject side read at the radio
communication medium reading part as information
peculiar to said subject; and

 an information record part for recording,
30 while relating to a file of image data photographed,
said subject's own information maintained in said
information maintenance part along with information
related to the camera user authorized at said
authorization part when an image is photographed

35 employing said image pickup part in the case in which
said subject information acquisition mode is set
employing said subject information acquisition mode
setting part, and

each said radio communication medium comprising:
40 a storing part for storing predetermined
information containing said camera user's own
information or said subject's own information; and
a transmission part for receiving said
predetermined radio signal transmitted from the radio
45 communication medium reading part of the camera and
transmitting the predetermined information stored in
the storing part as a radio signal.

15. The camera system according to claim 14,
wherein said camera further comprises
a radio communication medium writing part;
a random number generating part;
5 an updating part for updating the camera user's
own information stored in the storing part; and
a processing part for performing a series of
processing in which random numbers generated by the
random number generating part are obtained, information
10 based on the random numbers is transmitted to the radio
communication medium side for being recorded in the
radio communication medium, employing the radio
communication medium writing part, and the camera

user's own information stored in the storing part is
15 updated, employing the updating part when the camera
user is authorized by the authorization part.